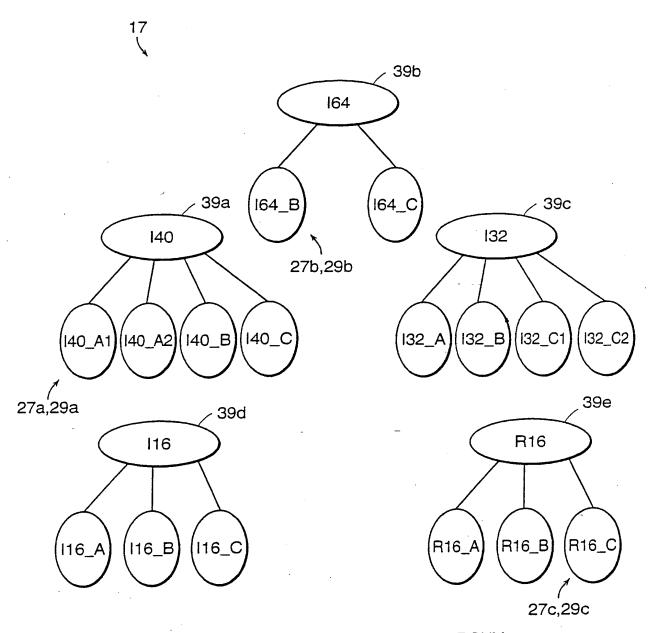
Docket/App No.: 2376.1001-003

Title:Method and Apparatus for Accurately....

Inventors: Anastasios S. Maurudis et al.

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POWER STRUCTURE OF CLASS HIERARCHY FOR EXAMPLE LIBRARY

FIG. 1

Docket/App No.: 2376.1001-003

Title:Method and Apparatus for Accurately....

Inventors: Anastasios S. Maurudis et al.

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```
FLOAT func1(FLOAT);
FLOAT func2(FLOAT); 25
void main{
FLOAT a,b,c;
b=func1(a);
c=func2(b);
return 0;}
```

Pure FLOAT Model

FIG. 2

```
ToInt func1(ToInt);
I64_B func1(I64_B);
FLOAT func2(FLOAT);
void main{
                      ToInt a,b;
FLOAT C;
b=func1(a);
c=func2(b.data);
return 0;}
ToInt func1(ToInt d)
{I64_B e(d);
 I64 B f;
 f=func1(e);
 return (ToInt) f;}
           Mixed Model
```

FIG. 3

Docket/App No.: 23/6.1001-003 Title:Method and Apparatus for Accurately.... Inventors: Anastasios S. Maurudis et al.

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```
FLOAT func1(FLOAT);
ToInt func2(ToInt);
I64_B func2(I64_B);
void main{
FLOAT a;
ToInt b, c;
b.data=func1(a);
                        33b
c=func2(b);
return 0;}
ToInt func2(ToInt d)
{I64_B e(d);
 I64_B f;
 f=func2(e);
 return (ToInt)f;}
```

Mixed Model

FIG. 4

```
I64_B func1(I64_B);
I64_B func2(I64_B);
                       ~35
void main{
I64_B a,b,c;
b=func1(a);
c=func2(b);
return 0;
```

Pure Fixed Model

FIG. 5

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Layout of TMS320C54x Accumulator A

Title:Method and Apparatus for Accurately....
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Inventors: Anastasios S. Maurudis et al.

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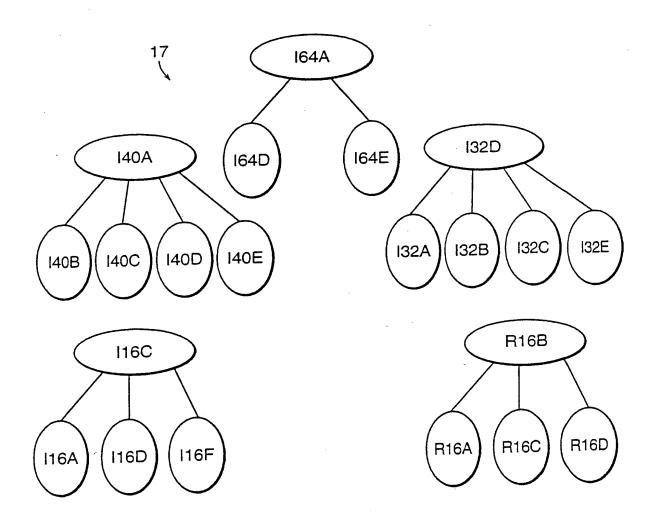
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Inventors: Anastasios S. Maurudis et al.

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POWER STRUCTURE OF A CLASS HIERARCHY

FIG. 9

Title:Method and Apparatus for Accurately....
Inventors: Anastasios S. Maurudis et al.

